

REMARKS/ARGUMENTS

Claims 1-17 are pending in this application. Claims 1-5, 7-11 and 13-15 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Muranushi et al. (USPN 5,153,785), hereinafter Muranushi. Claims 6 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Muranushi in view of Frater et al. (USPN 4,479,090), hereinafter Frater. Claims 1,3, 9, and 15-17 are amended.

Applicants submit the cited references do not teach or suggest at least “[an] apparatus, comprising: a current measurement device...wherein said current measurement device is an ammeter/voltage source” (*e.g.*, as described in claim 1).

The Office Action asserts Muranushi describes a current measurement device comprising a voltage source to supply power to a magnetic head, citing Figure 7, elements 1-5 and disclosure thereof. *See* Office Action dated 2/22/2007, page 3. Applicants disagree.

Figure 7, and its description, describes element 4 as a “current measuring device” and element 5 as a “voltage source”. *See e.g.*, column 6, line 65 – column 7, line 2. As illustrated, the current measurement device (element 4) is separate and distinct from voltage source (element 5). Therefore, contrary to the Office Action’s assertions, the cited Figure 7 (and its description) fails to teach or suggest at least a current measurement device that is an ammeter/voltage source.

Frater fails to make up for the deficiencies of Maranushi. Frater is directed to measuring characteristics of a magnetic recording head which is flying in an air bearing relationship over a rotating magnetic recording disk. It fails to teach or describe at least a current measurement device that is an ammeter/voltage source. *See e.g.*, Figures 2A, 2B, 3, 4, 5.

Therefore, since none of the cited references teach, suggest or describe each and every limitation of claim 1, the current rejection is inadequate and should be withdrawn, and claim 1 should be allowed. Independent claims 3, 9 and 15-17 contain similar allowable subject matter, and therefore are allowable as well. Claims 2, 4-8 and 9-14 are allowable for depending from allowable base claims.

The Applicants respectfully submit that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (408) 975-7500 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,
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